

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Serial No. 09/576,422

Filed: May 22, 2000

For: AUTOMATIC LIQUID INJECTION SYSTEM AND  
METHOD



Atty. Ref.: 1889-33

Group: 3737

Examiner: Thanh

September 25, 2000

Assistant Commissioner for Patents

Washington, DC 20231

Sir:

**SUBMISSION OF NEW DECLARATION**

The Declaration filed earlier in this application contained a typographical error in the filing date of the priority application. Attached is a corrected inventors' Declaration containing the correct priority date as 4 December 1997.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: \_\_\_\_\_

Arthur R. Crawford

Reg. No. 25,327

ARC:pfc

1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100



**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD**

the specification of which (check applicable box(s)):

is attached hereto  
 was filed on May 22, 2000 as U.S. Application Serial No. 09/576,422 (Atty Dkt. No. 1889-33)  
 was filed as PCT International application No. \_\_\_\_\_ on \_\_\_\_\_  
 and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
97810947.8	Europe	04 December 1997

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
------------------------	----------------------	-------------------------------------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8<sup>th</sup> Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoa, 37515. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1. Inventor's Signature:

Inventor:

Michel Schneider

Date:

8 September 2000

Michel  
(first)

MI

SCHNEIDER

(last)

French  
(citizenship)

Residence: (city)

Troinex

(state/country)

Switzerland

Post Office Address:

34, route d'Annecy, Troinex, Switzerland

(Zip Code)

1256

2. Inventor's Signature:

Inventor:

Laurent Janer

Date:

August 26 2000

Laurent  
(first)

MI

JAKOB

(last)

Swiss  
(citizenship)

Residence: (city)

Soral

(state/country)

Switzerland

Post Office Address:

27, Rue du Faubourg, Soral, Switzerland

(Zip Code)

1286

FOR ADDITIONAL INVENTORS, check box  and attach sheet with same information and signature and date for each.

3. Inventor's Signature: Christophe

Inventor:

Christophe

(first)

MI

GOLAY

(last)

Date:

August 28, 2000

Swiss

(citizenship)

Residence: (city)

Les Eplanes

(state/country)

Switzerland

Post Office Address:

9, Rue du Faubourg, Les Eplanes, Switzerland

(Zip Code)

1286

4. Inventor's Signature: Jean Brochet

Inventor:

Jean

(first)

MI

BROCHOT

(last)

Date:

August 28, 2000

French

(citizenship)

Residence: (city)

Feigeres

(state/country)

France

Post Office Address:

L'Agnellu, Feigeres, France

(Zip Code)

F-74160

5. Inventor's Signature: Feng YAN

Inventor:

Feng

(first)

MI

YAN

(last)

Date:

August 28, 2000

French

(citizenship)

Residence: (city)

Carouge

(state/country)

Switzerland

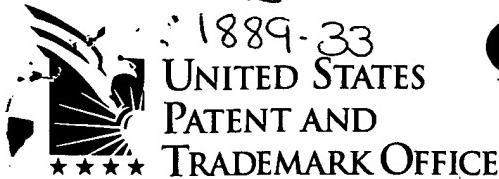
Post Office Address:

12, Route des Acacias, Carouge, Switzerland

(Zip Code)

1227

FOR ADDITIONAL INVENTORS, check box  and attach sheet with same information and signature and date for each.



OCTOBER 03, 2003

PTAS

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

NIXON & VANDERHYE P.C.  
MICHELLE N. LESTER  
1100 NORTH GLEBE ROAD  
8TH FLOOR  
ARLINGTON, VA 22201



\*102440041A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/01/2003

REEL/FRAME: 014020/0204  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
MATHIEU, CHRISTIAN

DOC DATE: 04/24/2003

ASSIGNEE:  
BRACCO RESEARCH S.A.  
31 ROUTE DE LA GALAISE  
GENEVE, PLAN-LES-OUATES,  
SWITZERLAND  
1228

SERIAL NUMBER: 09576422  
PATENT NUMBER:

FILING DATE: 05/22/2000  
ISSUE DATE:

MARGARET LASALLE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

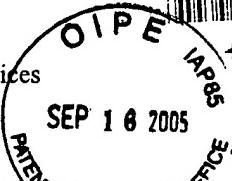


RECO.

05-06-2003



102440041



Mail Stop Assignment Recordation Services  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Our Ref.: 1889-33

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Christian MATHIEU  Additional name/s of conveying party/ies attached? <input type="checkbox"/>  3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: April 24, 2003	2. Name and address of receiving party(ies):  Name: Bracco Research S.A. Internal Address: Street Address: 31 route de la Galaise  City: Geneve, Plan-Les-Ouates State/Country: Switzerland Zip: 1228  Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____	
A. Patent Application No(s). (1) <u>09/576,422</u> (2) (3)	B. Patent No(s). (1) (2) (3)  Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Michelle N. Lester  Internal Address: _____  Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8 <sup>th</sup> Floor  City: Arlington State: VA Zip: 22201	6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140  8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

DO NOT USE THIS SPACE

9. Statements and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michelle N. Lester

Name of Person Signing  
Reg. No. 32,331

Signature

May 1, 2003

Date

Total number of pages including original cover sheet, attachments, and document: [2]

05/05/2003 LINELLER 00000109 09576422

01 FC:8021

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734481

1889-33

## ASSIGNMENT OF PATENT APPLICATION

(Inventor) Christian MATHIEU

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee)  
(Address) Bracco Research S.A.  
(of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries)  
(Title) (in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33) for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed (on or has already filed in

(U.S. appln. Serial No. 09/576,422, filed on May 22, 2000).

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

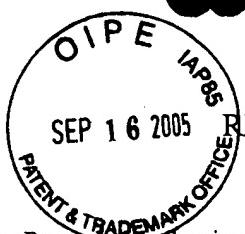
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: 24/04/2003 Signature of Inventor: Mathieu



RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref.: 1889-33

Mail Stop Assignment Recordation Services  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Christian MATHIEU	2. Name and address of receiving party(ies):  Name: Bracco Research S.A. Internal Address: Street Address: 31 route de la Galaise
Additional name/s of conveying party/ies attached? <input type="checkbox"/>	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____	City: Geneve, Plan-Les-Ouates State/Country: Switzerland Zip: 1228
Execution Date: April 24, 2003	Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____	
A. Patent Application No(s). (1) 09/576,422 (2) (3)	B. Patent No(s). (1) (2) (3)
Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Michelle N. Lester	6. Total number of applications & patents involved: 1
Internal Address: _____	7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140
Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8 <sup>th</sup> Floor City: Arlington State: VA Zip: 22201	8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
DO NOT USE THIS SPACE	
9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Michelle N. Lester	May 1, 2003
Name of Person Signing Reg. No. 32,331	Signature
Total number of pages including original cover sheet, attachments, and document: [2]	

1889-33

## ASSIGNMENT OF PATENT APPLICATION

(Inventor) Christian MATHIEU

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee)  
(Address) Bracco Research S.A.  
(of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries)  
(Title) AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33)  
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed (on \_\_\_\_\_ or has already filed in  
(U.S. appln. Serial No. 09/576,422, filed on May 22, 2000).  
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

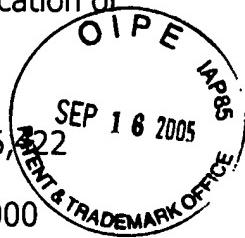
Date: 26/04/2003 Signature of Inventor (Mathieu)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

SCHNEIDER et al

Serial No. 09/576,422



Atty. Ref.: 1889-33

Group: 3737

Filed: May 22, 2000

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD

\* \* \* \* \*

May 1, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REQUEST FOR CORRECTION OF INVENTORSHIP UNDER 37 CFR §1.48(a)**

It is respectfully requested that the inventorship of the above-identified application be corrected to list the following inventors:

Michael Schneider  
Christophe Golay  
Laurent Jakob  
Jean Brochot  
Feng Yan  
Christian Mathieu

The present request is being filed pursuant to 37 CFR §1.48(a). One inventor is being added. A statement from the added inventor that the error in inventorship occurred without deceptive intention on their part is attached. Furthermore, an Oath or Declaration by all actual inventors is attached. The processing fee set forth in 37 CFR §1.17(i)(\$130), pursuant to Rule 48(a)(4) is attached. A written consent of the assignee is also attached along with a copy of a newly executed Assignment from the newly named inventor, Christian Mathieu, to the Assignee. The assignment attached to

**SCHNEIDER et al**  
Serial No. 09/576,422  
May 1, 2003

the consent is concurrently being filed for recordation in the U.S. Patent and Trademark Office.

Grant of the present request for correction of inventorship and early issuance of a new filing receipt indicating the above-identified inventors are respectfully requested.

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140 under Order No. 1889-33.

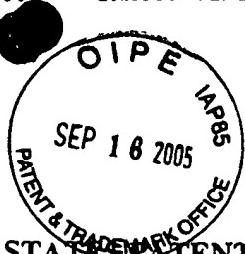
Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_

Michelle N. Lester  
Reg. No. 32,331

MNL:slj  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Atty. Ref.: 1889-33

Serial No. 09/576,422

Group: 3737

Filed: May 22, 2000

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND  
METHOD

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

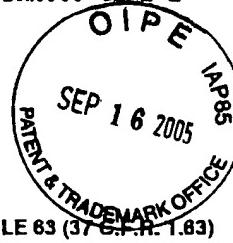
Sir:

STATEMENT UNDER RULE 48(a)

I, Christian MATHIEU of REMOREY, FRANCE, state that the error in not naming me as an inventor of the above-identified application occurred without deceptive intention on my part.

Signature: M. Mathieu  
Name: CHRISTIAN MATHIEU

26/04/2003  
Date

39-33  
BR023/RotasNixon & Vanderhye P.C. (10/99)  
(Domestic Non-Assigned/Foreign) Page 1

RULE 63 (37 C.F.R. 1.63)

INVENTORS DECLARATION FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD

the specification of which (check applicable box(s)):

 is attached hereto was filed on May 22, 2000 as U.S. Application Serial No. 09/576,422 (Atty. Dkt. No. 1889-33) was filed as PCT International application No. on

and (if applicable to U.S. or PCT application) was amended on May 22, 2000

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
97810947.8	EP	04 December 1997

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number	Date/Month/Year Filed
--------------------	-----------------------

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT International applications listed above or below:

Prior U.S./PCT Application(s): Application Serial No.	Day/Month/Year Filed	Status: patented pending, abandoned
--	----------------------	--

09/204,067	03/DEC/1998	Pending
------------	-------------	---------

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint Nixon & Vanderhye P.C., telephone number 703-816-4000 (to whom all communications are to be directed) and the attorneys at: Customer Number 23117, individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent. I also authorize Nixon & Vanderhye to add or delete attorneys from that Customer Number, and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

29.4.2003

1. Inventor's Signature: Inventor:	Michel (first)	MI	SCHNEIDER (last)	Date: 29.4.2003
Residence: (city) Mailing Address: (Zip Code)	Troinex 34, route d'Annecy, Troinex, Switzerland 1256		(state/country) Switzerland	French (citizenship)
2. Inventor's Signature: Inventor:	Christophe (first)	MI	GOLAY (last)	Date: 16/09/2003
Residence: (city) Mailing Address: (Zip Code)	Soral 5, Rue du Faubourg, Soral, Switzerland 1286		(state/country) Switzerland	Swiss (citizenship)

See attached sheet(s) for additional inventor(s) information!!

1889-33  
 Serial No. 09/576,422  
 page 2

Nixon & Vanderhye P.C. (10/99)  
 (Domestic Non-Assigned/Foreign)

3.	Inventor's Signature:	<i>YAHLOS</i>	Date:	<u>29/4/03</u>
	Inventor:	Laurent (first) Soral	JAKOB (last) Switzerland	Swiss (citizenship)
	Residence: (city)	MI	(state/country)	
	Mailing Address:	27, Chemin du Faubourg, Soral, Switzerland		
	(Zip Code)	1288		
4.	Inventor's Signature:	<i>Jean BROCHOT</i>	Date:	<u>29.04.2003</u>
	Inventor:	Jean (first) Feigères	BROCHOT (last) France	French (citizenship)
	Residence: (city)	MI	(state/country)	
	Mailing Address:	L'Agnelet, Feigères, France		
	(Zip Code)	F-74160		
5.	Inventor's Signature:	<i>YAN Feng</i>	Date:	<u>24/04/2003</u>
	Inventor:	Feng (first) Meyrin	YAN (last) Switzerland	Chinese (citizenship)
	Residence: (city)	MI	(state/country)	
	Mailing Address:	65 Rue des Lattes, Meyrin, Switzerland		
	(Zip Code)	1217		
6.	Inventor's Signature:	<i>X MATHIEU</i>	Date:	<u>X-24/04/2003</u>
	Inventor:	Christian (first) Remoray	MATHIEU (last) France	French (citizenship)
	Residence: (city)	MI	(state/country)	
	Mailing Address:	9, Chemin des Places, Remoray, France		
	(Zip Code)	25160		

FOR ADDITIONAL INVENTORS, check box [ ] and attach sheet with same information and signature and date for each.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SCHNEIDER et al

Atty. Ref.: 1889-33

Serial No. 09/576,422

Group: 3737

Filed: May 22, 2000

Examiner: Thompson, K.

For: AUTOMATIC LIQUID INJECTION SYSTEM AND  
METHOD

\* \* \* \* \*

Assistant Commissioner for Patents

Washington, DC 20231

Sir:

CONSENT OF THE ASSIGNEE TO  
CORRECTION OF INVENTORSHIP

BRACCO RESEARCH S.A., having a principal place business at 31, route de la Galaise, 1228 Plan-Les-Ouates, Switzerland, verifies through its duly authorized representative that it is the assignee of the above-identified application by way of an Assignment executed by Michael SCHNEIDER, Laurent JAKOB, Christophe GOLAY, Jean BROCHOT, and Feng YAN, recorded in the United States Patent and Trademark Office on December 3, 1998, at Reel 9658, Frame(s) 0347, and by way of an assignment executed by Christian MATHIEU, copy attached and separately submitted for recordation in the United States Patent & Trademark Office along with the present paper.

I represent that I am authorized to execute this document on behalf of BRACCO RESEARCH S.A. I further certify that to the best of my knowledge and belief the title of this invention is in BRACCO RESEARCH S.A.

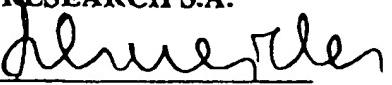
SCHNEIDER et al  
Serial No. 09/576,422

- BRACCO RESEARCH S.A. being assignee of the above-identified application, hereby consents to the correction of inventorship of the above-identified application to add Christian MATHIEU as an inventor.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signed this 29th day of April, 2003.

BRACCO RESEARCH S.A.

  
Michel SCHNEIDER  
Director

1889-33

## ASSIGNMENT OF PATENT APPLICATION

(Inventor) Christian MATHIEU

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee)  
(Address)  
Bracco Research S.A.  
(of 31, route de la Galaise, 1228 Plan-Les-Ouates Switzerland

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries)  
(Title)  
(in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as  
AUTOMATIC LIQUID INJECTION SYSTEM AND METHOD (Case No. 1889-33)  
for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed (on or has already filed in  
(U.S. appln. Serial No. 09/576,422, filed on May 22, 2000).  
The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date: 24/04/2003 Signature of Inventor: Mathieu